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Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 4

Col	mpiete ir Known	1
Application Number	10/551,480	
Filing Date	September 29, 2005	
First Named Inventor	Terrence Kolenc et al.	
Art Unit	3751	
Examiner Name	not yet assigned	
Attorney Docket Number	22188/07058	

Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code <sup>2 (f known)</sup>			Figures Appear
/JKF/		<sup>US-</sup> 1,069,067	07/29/13	Huxford	
/JKF/		<sup>US-</sup> 1,118,649	11/24/14	Halter	
/JKF/		<sup>US-</sup> 2,236,253	03/25/41	Testori	
/JKF/		<sup>US-</sup> 2,856,148	10/14/58	Heathcote et al.	
/JKF/		<sup>US-</sup> 4,377,892	03/29/83	Gonzalez	
/JKF/		<sup>US-</sup> 4,687,017	08/18/87	Danko et al.	
/JKF/		<sup>US-</sup> 4,754,950	07/05/88	Tada et al.	
/JKF/		US- 4,828,219	05/09/89	Ohmi et al.	
/JKF/		<sup>US-</sup> 4,867,201	09/19/89	Carten	
/JKF/		<sup>US-</sup> 4,953,826	09/04/90	Ohmi et al.	
/JKF/		<sup>US-</sup> 5,108,069	04/28/92	Tada et al.	
/JKF/		US- 5,112,027	05/12/92	Hanyu et al.	
/JKF/		<sup>US-</sup> 5,131,627	07/21/92	Kolenc	
JKF/		US- 5,186,434	02/16/93	Nishimura et al.	
/JKF/		US- 5,201,492	04/13/93	Beauvir	
/JKF/		US- 5,215,286	06/01/93	Kolenc	
/JKF/		<sup>US-</sup> Re34,303	07/06/93	Ohmi et al.	
/JKF/		<sup>US-</sup> 5,253,671	10/19/93	Kolenc	-
/JKF/		US- 5,295,660	03/22/94	Honma	

		FORE	GN PATENT DOC	JMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>8</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	<b>™</b>
/JKF/		DE 1900352 J	09/11/69	Waldenmaier		
/JKF/		EP 512674	11/11/92	Masako Kiyohara		
/JKF/		EP 756117 V	01/29/97	Fujikin Incorporated	·	
/JKF/		EP 780611 /	06/25/97	Applied Materials		
/JKF/		EP 932781 ,	08/04/99	Parker-Hannifin		
-/JKF/		GB-199,672- √	06/28/23-	Blakeborough		

Examiner		Date	0.410.410007
Signature	· /John K. Fristoe Jr/	Considered	04/24/2007

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known **Application Number** 10/551,480 Filing Date September 29, 2005 First Named Inventor Terrence Kolenc et al. Art Unit 3751 **Examiner Name** not yet assigned 22188/07058 Attorney Docket Number

Examiner	Cite	Document Number	U. S. PATENT Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where
Initials* No.1	No.1	Number-Kind Code <sup>2 (F known)</sup>		Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/JKF		<sup>US-</sup> 5,295,662	03/22/94	Yamaji et al.	
/JKF/		<sup>US-</sup> 5,326,078	07/05/94	Kimura	
/JKF/		US- 5,327,937	07/12/94	Kato et al.	
/JKF/		<sup>US-</sup> 5,335,691	08/09/94	Kolenc	
JKF/		<sup>US-</sup> 5,413,311	05/09/95	Arstein et al.	
JKF/		<sup>US-</sup> 5,485,984	01/23/96	Itoi et al.	
/JKF/		<sup>US-</sup> 5,524,865	06/11/96	Uchisawa et al.	
/JKF/		<sup>US-</sup> 5,551,477	09/03/96	Kanno et al.	
/JKF/		<sup>US-</sup> 5,653,419	08/05/97	Uchisawa et al.	
/JKF/		US- 5,730,423	03/24/98	Wu et al.	
/JKF/		<sup>US-</sup> 5,755,428	05/26/98	Ollivier	
JKF/		<sup>US-</sup> 5,820,105	10/13/98	Yamaji et al.	
/JKF/		<sup>US-</sup> 5,829,472	11/03/98	Greenwood et al.	
/JKF/		<sup>US-</sup> 5,851,004	12/22/98	Wu et al.	
/JKF/		US- 5,897,099	04/27/99	Fujimoto et al.	
/JKF/		<sup>US-</sup> 5,906,353	03/25/99	Someya et al.	
/JKF/		<sup>US-</sup> 5,967,492	10/19/99	Navratil et al.	
/JKF/		<sup>US-</sup> 6,092,550	07/25/00	Gotch et al.	
/JKF/		<sup>US-</sup> 6,093,303	07/25/00	Williams et al.	

Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> "Number. <sup>4</sup> "Kind Code <sup>6</sup> (# known)	MM-DD-YYYY	,	Or Relevant Figures Appear	T
/JKF/		GB 367,098 / 684	02/18/32	Friedrich Axt		
/JKF/		JP 3079875 ✓	04/04/91	Benkan Corp.		F
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ĺ	Examiner Signature	/John K. Fristoe Jr/	Date Considered	04/24/2007
ı	4.8			07/27/2001

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Complete if Known Substitute for form 1449/PTO Application Number 10/551,480 September 29, 2005 Filing Date INFORMATION DISCLOSURE First Named Inventor Terrence Kolenc et al. STATEMENT BY APPLICANT Art Unit 3751 (Use as many sheets as nocessary) not yet assigned **Examiner Name** 22188/07058 Sheet 3 Attomey Docket Number

Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f Innown)</sup>	Publication Date MM-DD-YYYY	Name of Patentae or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/JKF/		<sup>US-</sup> 6,138,712	10/31/00	Hirose	
/JKF/		<sup>US-</sup> 6,164,624	12/26/00	Watanabe et al.	
/JKF/		<sup>US-</sup> 6,165,597	12/26/00	Williams et al.	
/JKF/		<sup>US-</sup> 6,189,861	02/20/01	Gotch et al.	
/JKF/		<sup>US-</sup> 6,340,148	01/22/02	Sung	
/JKF/		<sup>US-</sup> 6,341,758	01/29/02	Shih et al.	
/JKF/		<sup>US-</sup> 6,357,339	03/19/02	Ejiri	•
/JKF/		US- 6,397,628	06/04/02	Watanabe et al.	
/JKF	1	US- 6,461,448	10/08/02	Williams et al.	
/JKF/		<sup>US-</sup> 6,508,453	01/21/03	Mamyo	
/JKF/		<sup>US-</sup> 6,547,888	04/15/03	Williams et al.	
/JKF/		<sup>US-</sup> 2002/0092999	07/18/02	Longo et al.	
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		FORE	<b>GN PATENT DOCU</b>	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	١.
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T°
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Examiner Signature	/John K. Fristoe Jr/	Date Considered	04/24/2007

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Substitute for form 1449/PTO		Complete if Known
535311.010 101 10111 177531 10	Application Number	10/551,480
INFORMATION DISCLOSURE	Filing Date	September 29, 2005
STATEMENT BY APPLICANT	First Named Inventor	Terrence Kolenc et al.
(Use as many sheets as necessary)	Art Unit	3751
(Ose as many sneets as necessary)	Examiner Name	not yet assigned
Sheet 4 of 4	Attorney Docket Number	22188/07058

Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	
Initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
·/JKF/		International Search Report from PCT/US2004/011302.	
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